Cooley / CONTAINMENT SOLUTIONS

WATER
PROTECTION

COOLGUARD OASIS®

20-year Warranty

For Floating Cover Applications

Added Benefits

Extremely high resistance to UV radiation, ozone, and weathering

Easy to fabricate, install, and repair without curing out

Certified to NSF/ANSI/CAN 61 and AS/NZS 4020 for potable water usage

RF, hot air, and wedge weldable (extrusion rod available)

Designed with high-strength reinforced scrim

Available in wide widths

Available In

20-year | 45 mil | Tan/Black

30-year | 60 mil | Tan/Light Blue (Reflective)

The **Coolguard Oasis**™ floating cover is a durable, high-performance membrane specially designed for use on water reservoirs and certified (NSF/ANSI/CAN 61 and AS/NZS 4020) for potable water usage. Engineered with Cooley's proprietary TPA polymer, the cover is highly resistant to oxidation, ozone, ultraviolet light, and weathering effects; and because the membrane does not cure, it allows for easy welding of strong, reliable seams during the entire lifetime of the cover. The revolutionary floating cover's optimized product design is reliable and cost-effective, and Cooley's history of proven performance ensures consistent quality, responsive customer service, and world-class technical support.

For further information, please contact Cooley Containment Solutions

Cooley Group
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cooleygroup.com

COOLGUARD OASIS®

WATER PROTECTION

20-year warranty for floating cover applications

TECHNICAL SPECIFICATIONS

Coated Fabric	Standard	Metric
Total Weight (nominal)	43 oz / yd²	1,458 g / m²
Thickness	45 (+/- 4) mils	1.14 (+/- 0.10) mm
Coating Type	Thermoplastic Alloy (TPA)	
Sealing Properties	Dielectric / Thermal	

This product is certified to NSF/ANSI/CAN 61 and AS/NZS 4020 for potable water usage.

Material Properties	ASTM Test Methods	Standard	Metric
Tensile Strength, Grab (Warp)	D751A	250 lbs	1,112 N
Tensile Strength, Grab (Fill)	D751A	250 lbs	1,112 N
Tear Strength, Tongue (Warp)	D5884	55 lbs	245 N
Tear Strength, Tongue (Fill)	D5884	55 lbs	245 N
Puncture, Ball	D751	270 lbs	1,200 N
Puncture, Screwdriver	D751	55 lbs	245 N
Hydrostatic Resistance	D751	350 psi	2.4 MPa
Dimensional Stability	D1204	2.5 %	
Low Temp Brittleness	D1790	-50°F	-45°C
Abrasion Resistance (H18 / 1kg)	D3389	3,000 cycles	
Ozone Resistance (100 pphm at 40°C)	D1149	Pass	
Coefficient of Linear Thermal Expansion	D696	6.9×10^{-5} ft / ft / °F	4.1×10^{-6} m / m / °C
Weathering Resistance (accelerated lab)*	G154	23,000 hrs (no cracking)	
Weathering Resistance (accelerated outdoor)*	G90	57 months (no cracking)	
Weathering Resistance (natural outdoor)	D1485	24 months (no cracking)	
Seam Shear Strength	D7749	225 lbs	1000 N
Seam Peel Strength	D751	20 lbs / in	35 N / cm

** Weathering testing is ongoing in Rhode Island (laboratory) and Arizona (outdoor), USA.*

This is a preliminary specification based on limited production. Final values may vary.

A variety of standard widths are available. Contact Cooley Containment Solutions for details.

A One-Stop Shop. Cooley is the leading provider of a complete range of commercial and potable water-grade geomembranes—including CoolPro® reinforced polypropylene, CoolThane® polyurethane coated fabrics, and CoolShield® for high-temperature and extreme containment applications—to provide cost-competitive solutions for a wide, highly diverse range of applications.

For further information, please contact Containment Solutions: **401.724.9000** or **containment@cooleygroup.com**

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